

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1300087

Luminaire Tested: P3AS17R25W2N902765DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300087
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R25W2N902765DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

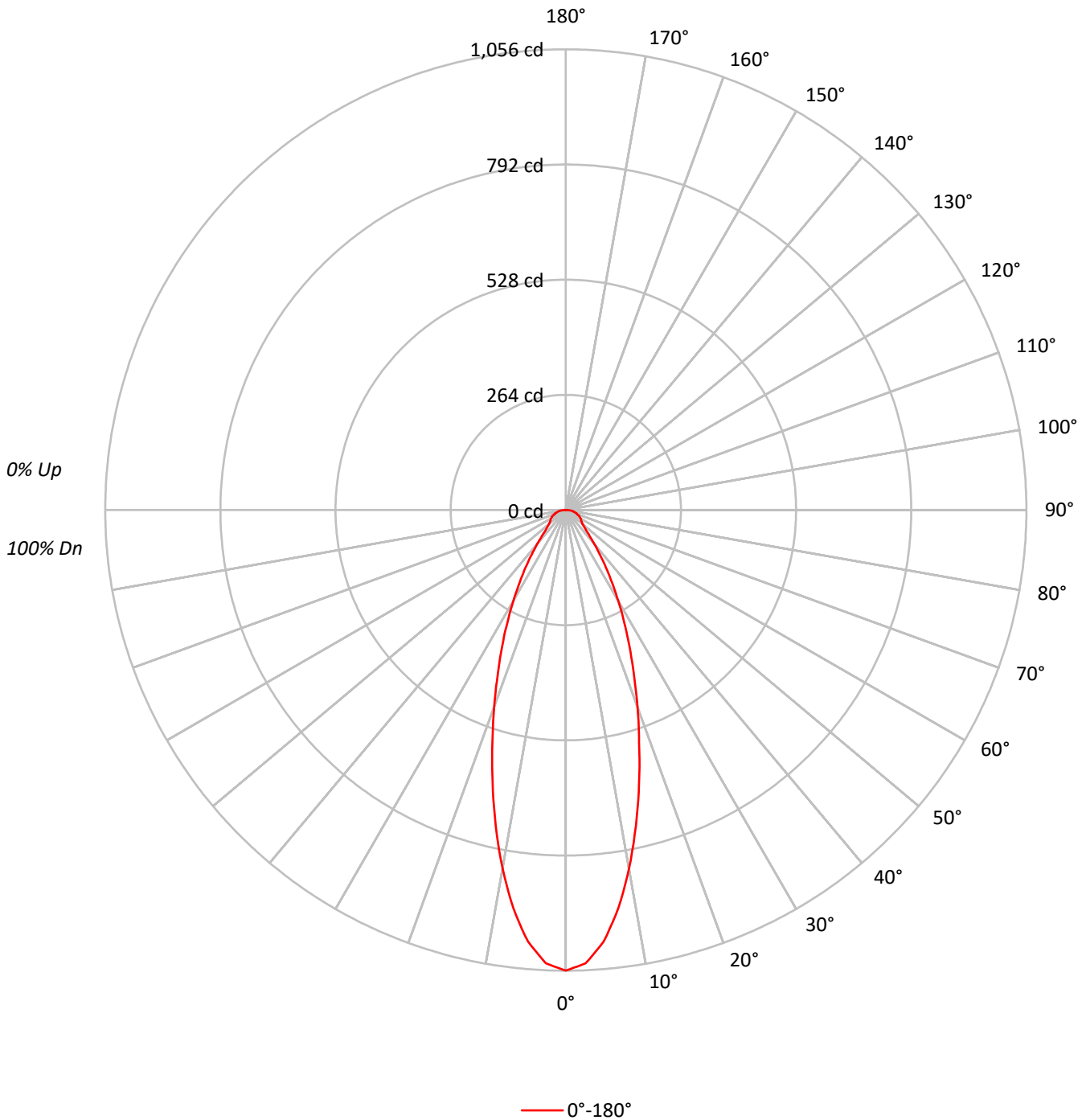
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 689.0 lumens
Efficiency: N/A
Efficacy: 35.5 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 100 | 97 | 98 | 96 | 95 | 95 | 93 | 92 | 90 |
| 2 | 105 | 99 | 94 | 90 | 103 | 97 | 93 | 89 | 94 | 90 | 87 | 91 | 88 | 85 | 88 | 85 | 83 | 81 |
| 3 | 99 | 91 | 85 | 80 | 97 | 90 | 84 | 80 | 87 | 82 | 78 | 84 | 80 | 77 | 82 | 79 | 76 | 74 |
| 4 | 93 | 84 | 78 | 73 | 91 | 83 | 77 | 73 | 81 | 76 | 72 | 79 | 74 | 71 | 77 | 73 | 70 | 68 |
| 5 | 88 | 79 | 72 | 67 | 86 | 78 | 71 | 67 | 76 | 70 | 66 | 74 | 69 | 66 | 72 | 68 | 65 | 63 |
| 6 | 84 | 74 | 67 | 62 | 82 | 73 | 66 | 62 | 71 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 61 | 59 |
| 7 | 79 | 69 | 63 | 58 | 78 | 68 | 62 | 58 | 67 | 61 | 57 | 66 | 61 | 57 | 65 | 60 | 57 | 55 |
| 8 | 76 | 65 | 59 | 54 | 74 | 65 | 58 | 54 | 63 | 58 | 54 | 62 | 57 | 54 | 61 | 57 | 53 | 52 |
| 9 | 72 | 62 | 55 | 51 | 71 | 61 | 55 | 51 | 60 | 55 | 51 | 59 | 54 | 51 | 58 | 54 | 50 | 49 |
| 10 | 69 | 59 | 52 | 48 | 68 | 58 | 52 | 48 | 57 | 52 | 48 | 56 | 51 | 48 | 56 | 51 | 48 | 46 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 231495 |
| 5° | 218710 |
| 10° | 185902 |
| 15° | 147243 |
| 20° | 111916 |
| 25° | 83473 |
| 30° | 60718 |
| 35° | 42938 |
| 40° | 29140 |
| 45° | 20343 |
| 50° | 17057 |
| 55° | 16477 |
| 60° | 17411 |
| 65° | 17901 |
| 70° | 17695 |
| 75° | 18978 |
| 80° | 21846 |
| 85° | 21637 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 23184 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 89.7 | 13.0 |
| 10°-20° | 179.5 | 26.1 |
| 20°-30° | 159.0 | 23.1 |
| 30°-40° | 101.3 | 14.7 |
| 40°-50° | 53.6 | 7.8 |
| 50°-60° | 39.4 | 5.7 |
| 60°-70° | 33.5 | 4.9 |
| 70°-80° | 23.7 | 3.4 |
| 80°-90° | 9.4 | 1.4 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 428.2 | 62.1 |
| 0°-40° | 529.5 | 76.8 |
| 0°-60° | 622.4 | 90.3 |
| 0°-90° | 689.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 689.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 1056 | |
| 5° | 994 | 90 |
| 15° | 649 | 180 |
| 25° | 345 | 159 |
| 35° | 160 | 101 |
| 45° | 66 | 54 |
| 55° | 43 | 39 |
| 65° | 34 | 34 |
| 75° | 22 | 24 |
| 85° | 9 | 9 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|--------|
| 0° | 1055.7 |
| 2.5° | 1040.2 |
| 5° | 993.6 |
| 7.5° | 921.2 |
| 10° | 834.9 |
| 12.5° | 741.8 |
| 15° | 648.6 |
| 17.5° | 558.9 |
| 20° | 479.6 |
| 22.5° | 407.1 |
| 25° | 345.0 |
| 27.5° | 289.8 |
| 30° | 239.8 |
| 32.5° | 196.7 |
| 35° | 160.4 |
| 37.5° | 127.7 |
| 40° | 101.8 |
| 42.5° | 81.1 |
| 45° | 65.6 |
| 47.5° | 56.9 |
| 50° | 50.0 |
| 52.5° | 46.6 |
| 55° | 43.1 |
| 57.5° | 41.4 |
| 60° | 39.7 |
| 62.5° | 36.2 |
| 65° | 34.5 |
| 67.5° | 31.1 |
| 70° | 27.6 |
| 72.5° | 25.9 |
| 75° | 22.4 |
| 77.5° | 19.0 |
| 80° | 17.3 |
| 82.5° | 13.8 |
| 85° | 8.6 |
| 87.5° | 3.5 |
| 90° | 0.0 |

(END OF REPORT)